

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Isao TSUYAMA

Application No.: TBA

Group Art Unit: TBA

Filed: March 24, 2004

Examiner: TBA

For: OPTICAL APPARATUS FOR BIDIRECTIONAL OPTICAL COMMUNICATION

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a.  Form PTO-1449.
  - 1b.  Copies of IDS citations.
  - 1c.  An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
  - 1d.  English language translation (complete or relevant portion(s)) attached to each non-English language publication.
  - 1e.  Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
2.  In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is  

(Check appropriate Items 2a, 2b, 2c and/or 2d)

  - 2a.  satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
  - 2b.  set forth in the application.

2c.  satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.

2d.  enclosed as Attachment 1(e), hereto.

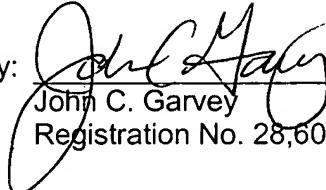
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: 3-24-04  
1201 New York Ave., N.W., Suite 700  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501

By:

  
John C. Garvey  
Registration No. 28,607

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1344.1140	TBA
	FIRST NAMED INVENTOR	
	Isao TSUYAMA	
	FILING DATE	GROUP ART UNIT
	March 24, 2004	TBA

Inventor, Patent Number, Country Author, Title, Name of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
1. USP 6,278,536	August 21, 2001	Background
2. US 2002/0064340	May 30, 2002	Background
3. Japanese Unexamined Patent Publication No. 63-312732	December 21, 1988	Background
4. Japanese Unexamined Patent Publication No. 11-127121	May 11, 1999	Background

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTORNEY DOCKET NO.  
1344.1140APPLICATION NO.  
TBAFIRST NAMED INVENTOR  
Isao TSUYAMAFILING DATE  
March 24, 2004GROUP ART UNIT  
TBA

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	6,278,536	08/21/00	Kai et al.			
	AB	2002/ 0064340	05/30/02	Fukuchi et al.			
	AC						
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES    NO
	AG	63-312732	12/21/88	Japan			xx
	AH	11-127121	05/11/99	Japan			xx
	AI						
	AJ						
	AK						
	AL						

## OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

			TRANSLATION YES    NO
	AM		
	AN		
	AO		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.